

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

10976

Application Number

08/962,560

Applicant(s)

Douglas J. Hilton et al.

Filing Date

October 31, 1997

Group Art Unit

1653  
4643

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	W.S. Alexander et al. (1995) "Point Mutations Within a Dimer Interface Homology Domain of c-Mpl
	Induce Constitutive Receptor Activity and Tumorigenicity" <i>The Embo Journal</i> 14: 5569-5578.
AR	S.F. Altschul et al. (1990) "Basic Local Alignment Search Tool" <i>J. Mol. Biol.</i> 215: 403-410.

EXAMINER

*W. Alexander*

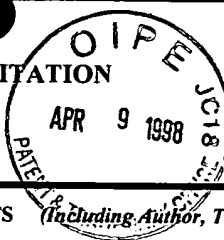
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BA

J.F. Bazan (1990) "Haemopoietic Receptors and Helical Cytokines" *Immunology Today* 11 (10): 350-354.

BB

R.L. Cutler et al. (1993) "Multiple Cytokines Induce the Tyrosine Phosphorylation of Shc and its Association With Grb2..." *The Journal of Biological Chemistry* 268 (29): 21463-21465.

BC

J.E. Darnell, Jr. et al. (1994) "Jak-STAT Pathways and Transcriptional Activation in Response to IFNs and Other Extracellular Signaling Proteins" *Science* 264: 1415-1421.

BD

M. David et al. (1995) "Requirement for MAP Kinase (ERK2) Activity in Interferon - alpha and Interferon - beta Stimulated Gene Expression Through STAT Proteins" *Science* 269: 1721-1723.

BE

M. David et al. (1996) "STAT Activation by Epidermal Growth Factor (EGF) and Amphiregulin" *The Journal of Biological Chemistry* 271 (16): 9185-9188.

BF

A. Dugaiczky et al. (1983) "Cloning and Sequencing of a Deoxyribonucleic Acid Copy of Glyceraldehyde-3-phosphate Dehydrogenase Messenger Ribonucleic Acid..." *Biochemistry* 22: 1605-1613.

BG

J.E. Durbin et al. (1996) "Targeted Disruption of the Mouse Stat1 Gene Results in Compromised Innate Immunity to Viral Disease" *Cell* 84: 443-450.

BH

T. Etzold et al. (1996) "SRS: Information Retrieval System for Molecular Biology Data Banks" *Methods in Enzymology* 266: 114-128.

BI

S. Gupta et al. (1996) "The SH2 Domains of Stat1 and Stat2 Mediate Multiple Interactions in the Transduction of IFN- Signals" *The EMBO Journal* 15 (5): 1075-1084.

BJ

D.J. Hilton (1994) "An Introduction to Cytokine Receptors" *Guidebook to Cytokines and Their Receptors* Oxford, England: Oxford University Press.

BK

D.J. Hilton et al. (1994) "Cloning of a Murine IL-11 Receptor -chain; Requirement for gp130 for High Affinity Binding and Signal Transduction" *The EMBO Journal* 13 (20): 4765-4775.

BL

D.J. Hilton et al. (1996) "Saturation Mutagenesis of the WSXWS Motif of the Erythropoietin Receptor\*" *The Journal of Biological Chemistry* 271 (9): 4699-4708.

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W	CA	Y. Ichikawa (1969) "Differentiation of a Cell Line of Myeloid Leukemia"
		<i>J. Cell. Physiol.</i> 74: 223-234.
WS	CB	J.N. Ihle (1995) "Cytokine Receptor Signalling" <i>Nature</i> 377: 591-594
S	CC	M.H. Kaplan et al. (1996) "Stat6 is Required for Mediating Responses to IL-4 and for the Development of Th2 Cells" <i>Immunity</i> 4: 313-319.
S	CD	M.H. Kaplan et al. (1996) "Impaired IL-12 Responses and Enhanced Development of Th2 Cells in Stat4-deficient Mice" <i>Nature</i> 382: 174-179.
S	CE	D.W. Leaman et al. (1996) "Roles of JAKs in Activation of STATs and Stimulation of c-fos Gene Expression by Epidermal Growth Factor" <i>Molecular and Cellular Biology</i> 16 (1): 369-375.
W	CF	M.A. Meraz et al. (1996) "Targeted Disruption of the Stat1 Gene in Mice Reveals Unexpected Physiologic Specificity in the JAK-STAT Signaling Pathway" <i>Cell</i> 84: 431-442.
S	CG	S. Mizushima and S. Nagata (1990) "pEF-BOS, A Powerful Mammalian Expression Vector" <i>Nucleic Acids Research</i> 18 (17): 5322.
S	CH	M. Murakami et al. (1991) "Critical Cytoplasmic Region of the Interleukin 6 Signal Transducer gp130 is Conserved in the Cytokine Receptor Family" <i>Proc. Nat'l. Acad. Sci. USA</i> 88: 11349-11353.
S	CI	E.J. Neer et al. (1994) "The Ancient Regulatory-protein Family of WD-repeat Proteins" <i>Nature</i> 371: 297-300.
S	CJ	N.A. Nicola et al. (1996) "Molecular Cloning of Two Novel Transmembrane Ligands for Eph-related Kinases (LERKS) That Are Related to LERK-2" <i>Growth Factors</i> 13: 141-149.
S	CK	U. Novak et al. (1995) "Colony-stimulating Factor 1-Induced STAT1 and STAT3 Activation Is Accompanied by Phosphorylation of Tyk2 in Macrophages and Tyk2 and JAK1 in Fibroblasts" <i>Blood</i> 86 (8): 2948-2956.
S	CL	W.R. Pearson et al. (1988) "Improved Tools for Biological Sequence Comparison" <i>Proc. Nat'l Acad. Sci. USA</i> 85: 2444-2448.

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*W. J. Hilton*

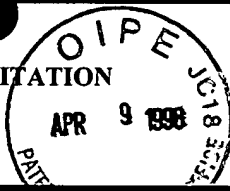
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WJ	DA	W.R. Pearson (1990) "Rapid and Sensitive Sequence Comparison With FASTP and FASTA"
		<i>Methods in Enzymology</i> 183: 63-99.
WJ	DB	J.R. Rayner and T.J. Gonda (1994) "A Simple and Efficient Procedure for Generating Stable Expression Libraries by cDNA in a Retroviral Vector" <i>Molecular and Cellular Biology</i> 14 (2): 880-887.
WJ	DC	N. Sato et al. (1993) "Signal Transduction by the High-affinity GM-CSF Receptor: Two Distinct Cytoplasmic Regions of the Common B-Subunit Responsible for Different Signaling" <i>The EMBO Journal</i> 12 (11): 4181-4189.
WJ	DD	K. Shimoda et al. (1996) "Lack of IL-4-induced Th2 Response and IgE Class Switching in Mice With Disrupted Stat6 Gene" <i>Nature</i> 380: 630-633.
WJ	DE	K. Shual et al. (1993) "Polypeptide Signalling to the Nucleus Through Tyrosine Phosphorylation of Jak and Stat Proteins" <i>Nature</i> 366: 580-583.
WJ	DF	S.R. Sprang et al. (1993) "Cytokine Structure Taxonomy and Mechanisms for Receptor Engagement" <i>Current Opinion in Structural Biology</i> 3: 815-827.
WJ	DG	K. Takeda et al. (1996) "Essential Role of Stat6 in IL-4 Signalling" <i>Nature</i> 380: 627-630.
WJ	DH	W.E. Thierfelder et al. (1996) "Requirement for Stat4 in Interleukin-12-mediated Responses of Natural Killer and T-Cells" <i>Nature</i> 382: 171-174.
WJ	DI	H. Wakao et al. (1994) "Mammary Gland Factor (MGF) Is a Novel Member of the Cytokine Regulated Transcription Factor Gene Family and Confers the Prolactin Response" <i>The EMBO Journal</i> 13 (9): 2182-2191.
WJ	DJ	Z. Wen et al. (1995) "Maximal Activation of Transcription by Stat1 and Stat3 Requires Both Tyrosine and Serine Phosphorylation" <i>Cell</i> 82: 241-250.
WJ	DK	Y. Taolin et al. (1993) "Hematopoietic Cells Phosphatase Associates With the Interleukin-3 (IL-3) Receptor B-Chain and Down-regulates Il-3-Induced Tyrosine Phosphorylation and Mitogenesis" <i>Molecular and Cellular Biology</i> 13 (12): 7577-7586.
WJ	DL	A. Yoshimura et al. (1995) "A Novel Cytokine-Inducible Gene CIS Encodes An SH2-containing Protein That Binds to Tyrosine-phosphorylated Interleukin 3 and Erythropoietin Receptors" <i>The EMBO Journal</i> 14 (12): 2816-2826.

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*W. J. Hilton*

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